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TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application Number	09/683,298	RECEIVED CENTRAL FAX CENTER FEB 01 2005
		Filing Date	12/11/2001	
		First Named Inventor	John A. Richards	
		Art Unit	1639	
		Examiner Name	My Chau T Tran	
Total Number of Pages in This Submission	18	Attorney Docket Number	3421.1	

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): - Copy of Extension of Time Request (1 Page)
Remarks - Response after Final and Record of Telephonic Interview (15 Pages)		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm	Affymetrix, Inc.		
Signature	<i>William R. McCarthy III</i>		
Printed Name	William R. McCarthy III		
Date	2/1/2005	Reg. No.	55,788

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. <i>Central Fax No. 703-872-9306</i>			
Signature	<i>William R. McCarthy III</i>		
Typed or printed name	William R. McCarthy III	Date	2/1/2005

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PATENT
Attorney Docket No. 3421.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: John A. Richards
Serial No: 09/683,298
Filing Date: December 11, 2001
Title: **Apparatus and Method for
Aligning Microarray Printing Head**

Examiner: My Chau T Tran
Group Art Unit: 1639

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**RESPONSE TO FINAL OFFICE ACTION AND RECORD OF TELEPHONIC
INTERVIEW**

Sir:

In reply to the Final Office Action mailed 9/15/2004, and in consideration of the comments presented during the Interview that was conducted on 1/25/2005, Applicants respectfully request reconsideration of the pending rejections and reexamination of the present application in view of the following remarks.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 6 of this paper.